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~~Patent claims~~ What is claimed is:

1. A detector for an X-ray computer tomograph, comprising:  
~~\_\_\_\_\_ having a plurality large number of~~ detector modules, ~~(1) which are mounted alongside one another on a frame (10), with wherein each of the detector modules includes (1) being provided, on its front face, with a plurality of sensor elements (3) for detection of the intensity of incident X-ray radiation; and characterized in that~~  
a ~~\_\_\_\_\_ means for holding a pressure-contact apparatus (12), which is provided with including a heating element (13), is provided located on a rear face of the detector modules (1) facing away from the sensor elements (3).~~
2. The detector as claimed in claim 1, ~~with wherein the means for holding includes being at least one bracket (7).~~
3. The detector as claimed in ~~one of the preceding claims~~ claim 2, ~~wherein which the at least one bracket (7) and at least one the detector module (1) are mounted on the frame (10) by means of common at least one attachment elements (9).~~
4. The detector as claimed in ~~one of the preceding claims, in which claim 2, wherein at least the two brackets (7) for detector modules (1) which are mounted on the frame (10) form a channel for the insertion of the pressure contact apparatus (12).~~
5. The detector as claimed in ~~one of the preceding claims, in which claim 1, wherein the pressure-contact apparatus is an inflatable flexible tube (12).~~

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21. OCT. 2003

6. A heating apparatus, adapted to be held in the detector as claimed in ~~one of claims 1 to 5~~, wherein ~~in which~~ an elongated pressure-contact apparatus (12) is fitted with a heating element (13) which extends over a major part of its length.
7. The heating apparatus as claimed in claim 6, ~~in which~~ wherein the pressure-contact apparatus is an inflatable flexible tube (12).
8. The heating apparatus as claimed in ~~one of claims 6 or 7~~, ~~in which~~ wherein a valve (14) is fitted at one end of the flexible tube (12).
9. The heating apparatus as claimed in ~~one of claims 6 to 8~~, ~~in which~~ wherein the heating element includes (13) ~~is provided with~~ at least one temperature sensor, ~~in particular a thermocouple or a sensor with a temperature dependent resistance.~~
10. The heating apparatus as claimed in ~~one of claims 6 to 9~~, wherein ~~in which~~ the heating element (13) ~~and/or the temperature sensor are/is~~ adhesively bonded onto an outer face of the flexible tube (12).
11. The heating apparatus as claimed in ~~one of claims 6 to 10~~ claim 7, wherein ~~in which~~ the lines (15, 16) for connection of the heating element (13) ~~and/or of the temperature sensor~~ are routed away at one end of the flexible tube (12).
12. A method for production of calibration tables for the detector as claimed in ~~one of claims 1 to 5~~, comprising ~~the following steps~~:

~~\_\_\_\_\_ inserting a the heating apparatus (11) as~~  
~~claimed in one of claims 6 to 11 is inserted into~~  
the means for holding it;

~~\_\_\_\_\_ pressing the heating element (13) is pressed~~  
against the rear face of the detector modules (1)  
by ~~using means of~~ the pressure-contact apparatus  
(12); and

~~\_\_\_\_\_ producing the calibration tables are~~  
produced.

13. The method as claimed in claim 12, in  
~~which~~ wherein, once the calibration tables have been  
produced, the pressure-contact apparatus (12) is  
released, and the heating apparatus (11) is pulled out  
of the channel.

14. The method as claimed in claim 12 ~~or 13~~, wherein  
~~in which~~ the pressure-contact apparatus ~~has~~ includes a  
flexible tube (12), and wherein the heating element  
(13) is pressed into contact by inflation of the  
flexible tube (12).

15. The detector as claimed in claim 1, wherein the  
means for holding and at least one detector module are  
mounted on the frame by attachment elements.

16. The detector as claimed in claim 4, wherein the  
pressure-contact apparatus is an inflatable flexible  
tube.

17. The heating apparatus as claimed in claim 7,  
wherein a valve is fitted at one end of the flexible  
tube.

18. The heating apparatus as claimed in claim 6, wherein the heating element includes at least one thermocouple.

19. The heating apparatus as claimed in claim 6, wherein the heating element includes at least one sensor with a temperature-dependent resistance.

20. The method as claimed in claim 13, wherein the pressure-contact apparatus includes a flexible tube, and wherein the heating element is pressed into contact by inflation of the flexible tube.

21. A detector for an X-ray computer tomograph, comprising:

a plurality of detector modules, mounted a on a frame, each of the detector modules including a plurality of sensor elements for detection of an intensity of incident X-ray radiation; and

at least one bracket, adapted to hold a pressure-contact apparatus, including a heating element, located on the detector modules facing away from the sensor elements.

22. The detector as claimed in claim 21, wherein the at least one bracket and at least one detector module are mounted on the frame by at least one attachment element.

23. The detector as claimed in claim 21, wherein at least two brackets for detector modules are mounted on the frame to form a channel for insertion of the pressure-contact apparatus.

24. The detector as claimed in claim 22, wherein at least two brackets for detector modules are mounted on

the frame to form a channel for insertion of the pressure-contact apparatus.

25. The detector as claimed in claim 21, wherein the pressure-contact apparatus includes an inflatable flexible tube.

26. The detector as claimed in claim 23, wherein the pressure-contact apparatus includes an inflatable flexible tube.

27. The detector as claimed in claim 24, wherein the pressure-contact apparatus includes an inflatable flexible tube.